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**Subject:** OSPR sample results

UC,

FYI, here are results from the samples recently taken from Goleta and other SB area beaches following a report of a sheen/tarballs in the area. Summary below is for: 2 Goleta Beach tar ball samples, 1 sample each from Refugio State Beach and Arroyo Burro State Beach, and 2 samples from El Capitan State Beach; collected 7/29/15. Source samples for comparison were La Goleta Seep\*, Trilogy/Coal Oil Point Seep\*, and Plains/Refugio source sample (P1).

1. All six beach samples were similar to weathered Monterey Formation crude oil and none were a match for P1.
2. The two Goleta Beach tarballs are consistent with each other and are likely consistent with the La Goleta Seep\* (degree of tar ball weathering makes it difficult to be more definitive). These samples are not consistent with P1, the Trilogy/Coal Oil Point Seep (Coal Oil seep field) Sample, nor with the samples from Refugio State Beach, Arroyo Burro State Beach, and El Capitan State Beach.
3. The Refugio State Beach, Arroyo Burro State Beach, and El Capitan State Beach samples were not consistent with P1, but also weathered and couldn't be matched to either of the seep source samples.

\* Seep samples were collected by Dr. David Valentine, UC Santa Barbaram and given to OSPR labs on May 29<sup>th</sup>.

Please let me know if you have any questions.

Julie